FIGURE 1

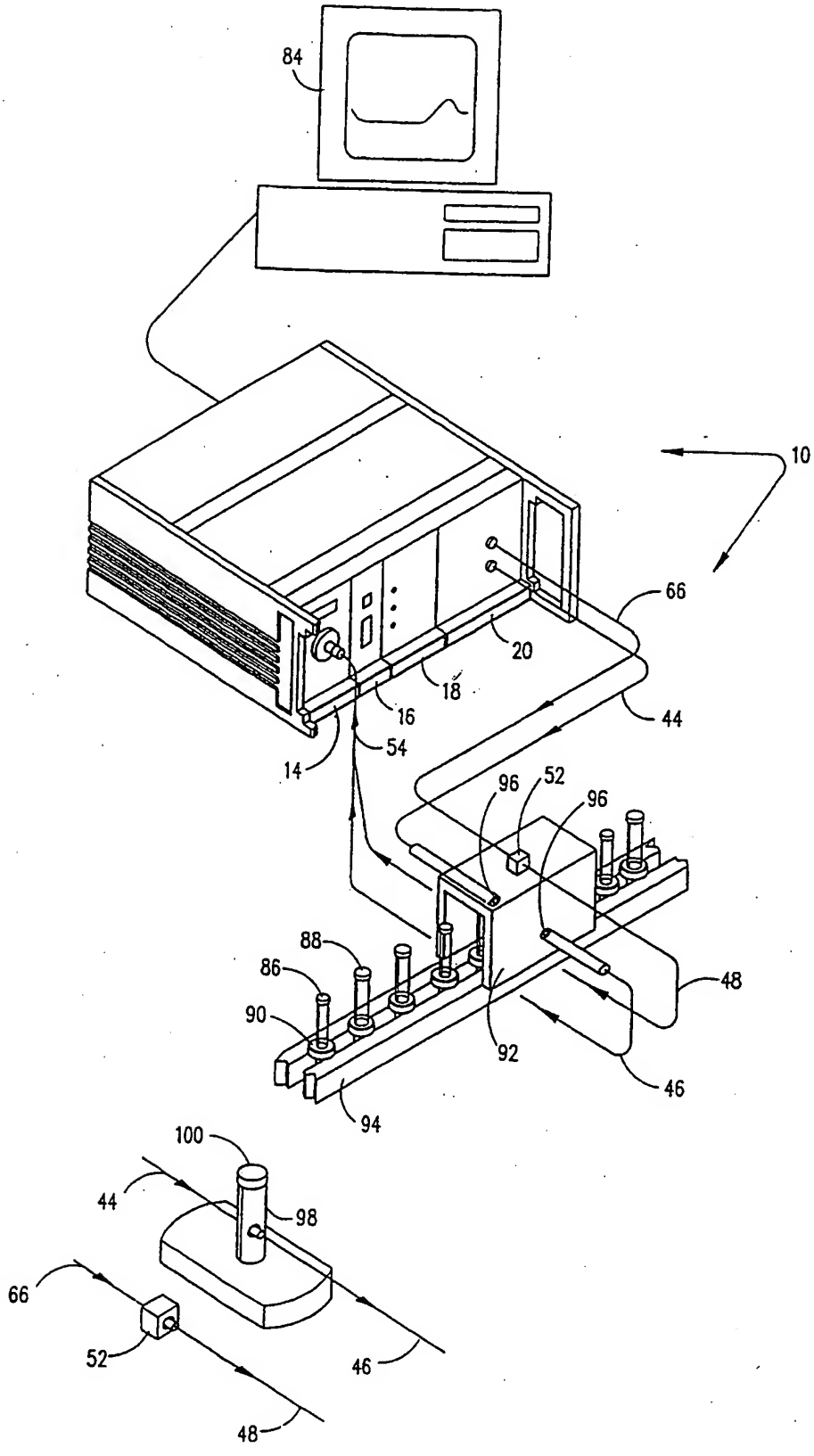

84
10
66
20
18
16
44
54
14
96
52
96
88
86
90
48
92
46
94
100
44
98
66
52
46
48

FIGURE 2

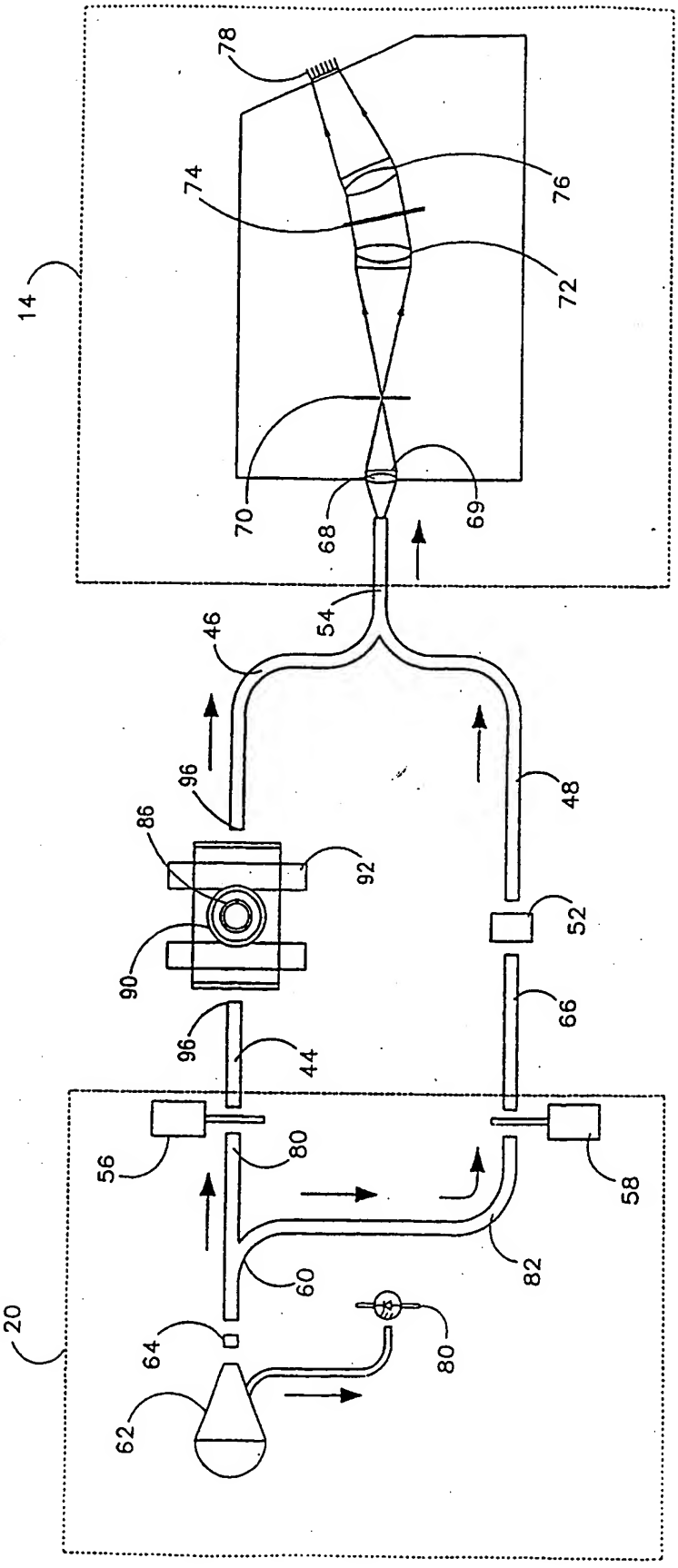

14
78
74
76
72
70
68
69
54
46
96
48
86
92
90
52
66
96
44
56
80
58
60
82
20
64
80
62

FIGURE 3

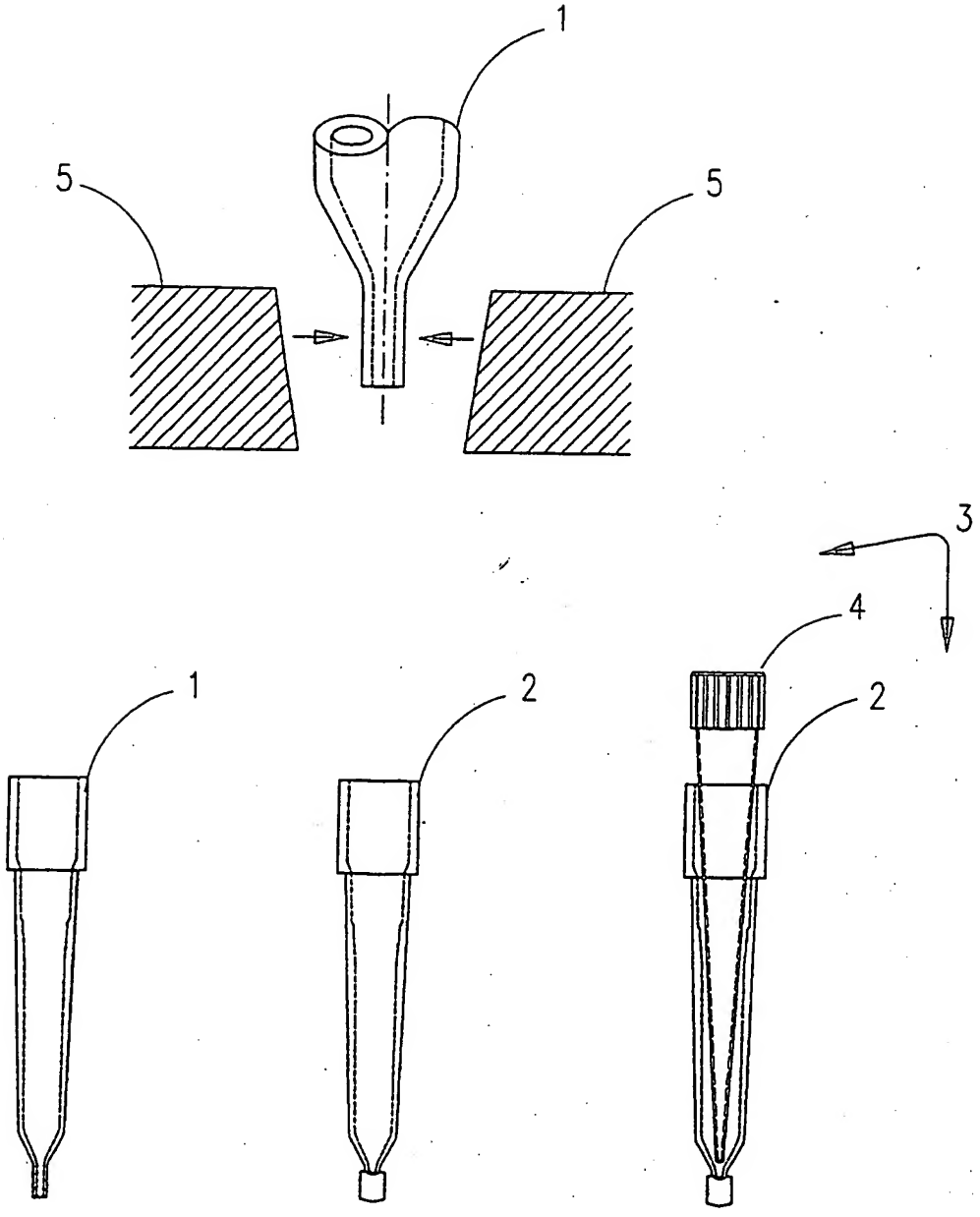


FIGURE 4

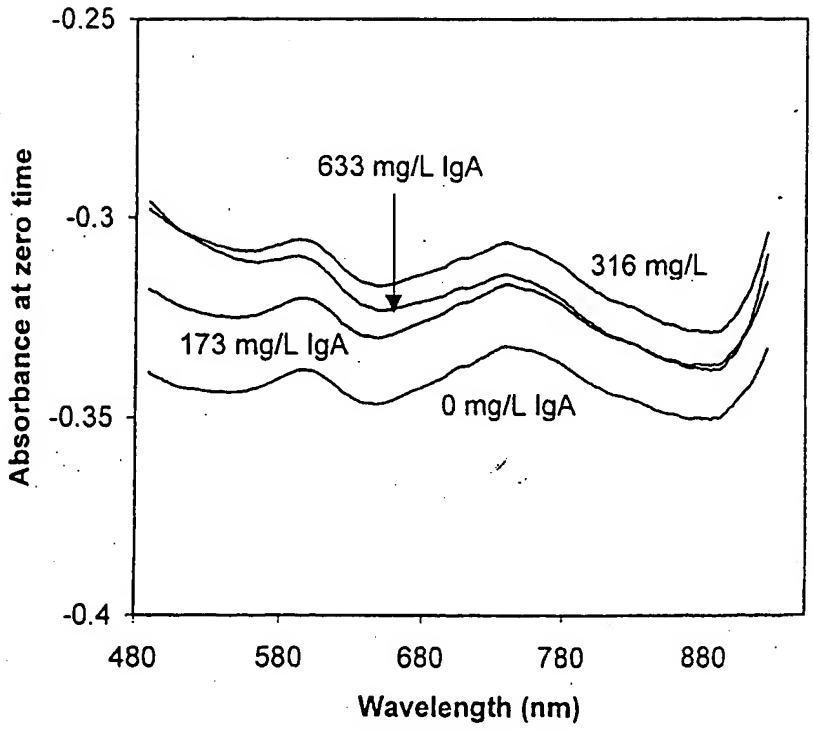

-0.25
-0.3
-0.35
-0.4
Absorbance at zero time
633 mg/L IgA
316 mg/L
173 mg/L IgA
0 mg/L IgA
480
580
680
780
880
Wavelength (nm)

FIGURE 5

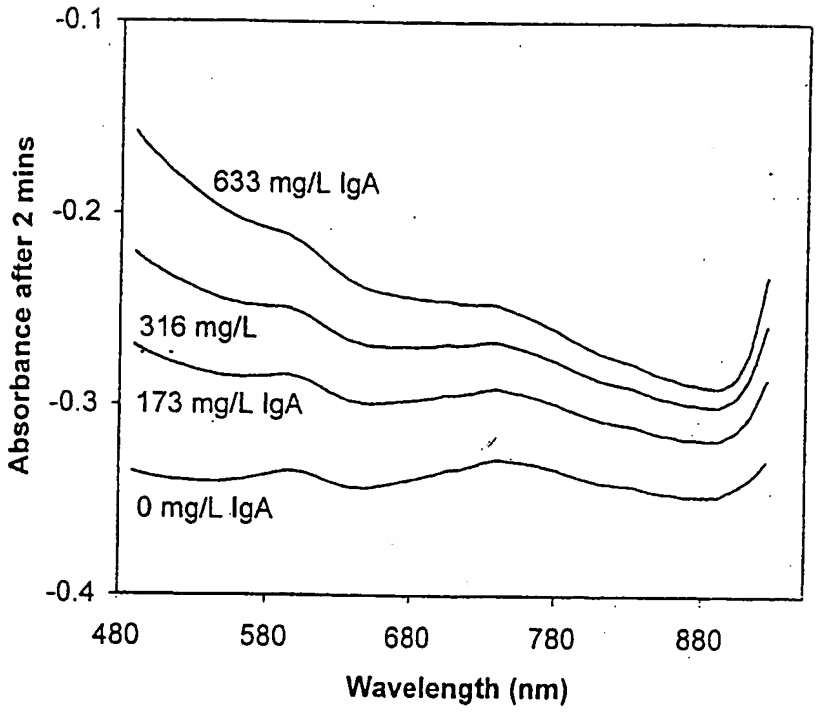

-0.1
-0.2
-0.3
-0.4
Absorbance after 2 mins
633 mg/L IgA
316 mg/L
173 mg/L IgA
0 mg/L IgA
480
580
680
780
880
Wavelength (nm)

FIGURE 6

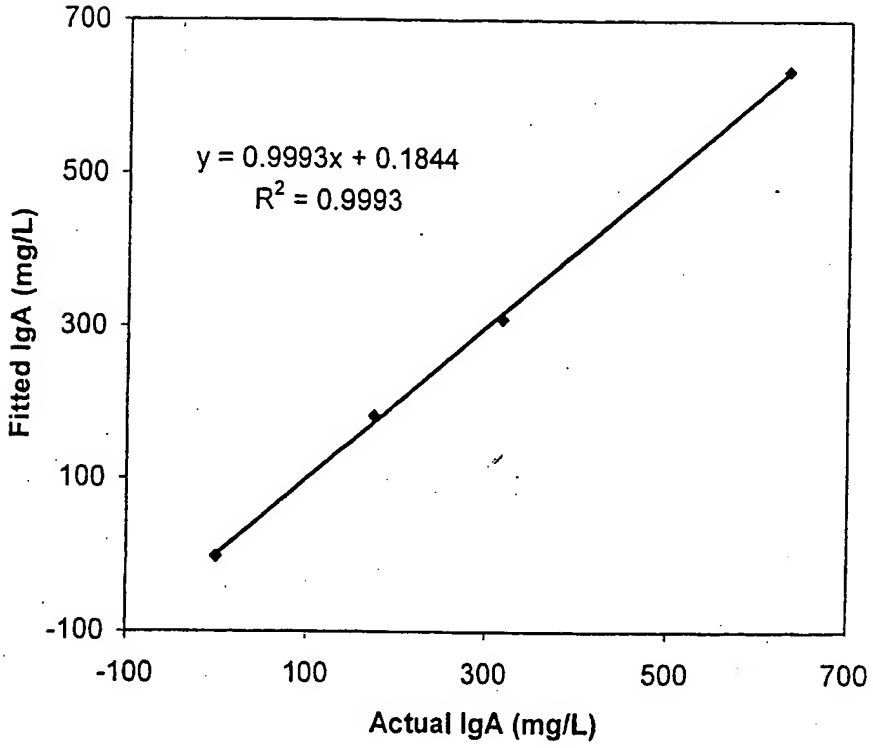

700
500
300
100
-100
-100
100
300
500
700
Fitted IgA (mg/L)
Actual IgA (mg/L)
y = 0.9993x + 0.1844
R2 = 0.9993

FIGURE 7

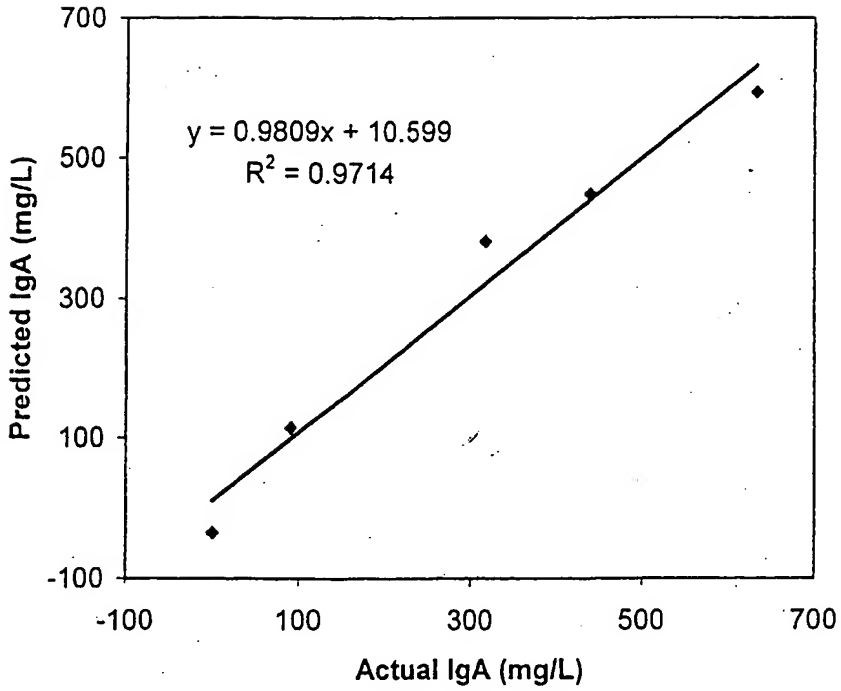

700
500
300
100
-100
Predicted IgA (mg/L)
y = 0.9809x + 10.599
R2 = 0.9714
-100
100
300
500
700
Actual IgA (mg/L)

FIGURE 8

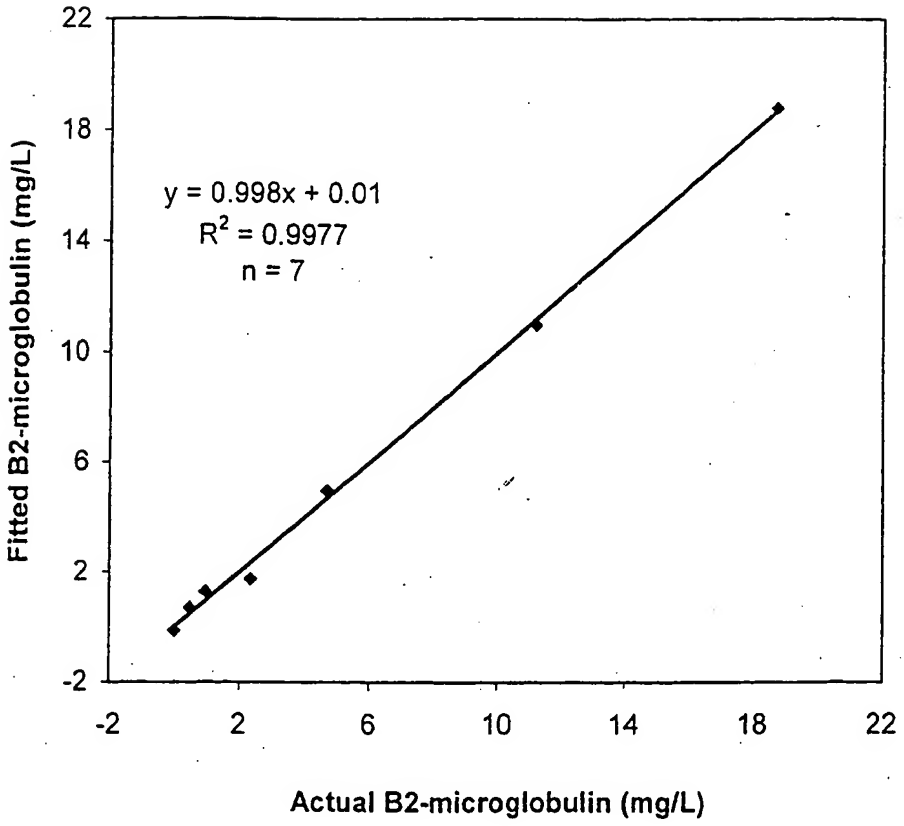

y = 0.998x + 0.01
R^2 = 0.9977
n = 7
Fitted B2-microglobulin (mg/L)
Actual B2-microglobulin (mg/L)
22
18
14
10
6
2
-2
-2
2
6
10
14
18
22

FIGURE 9

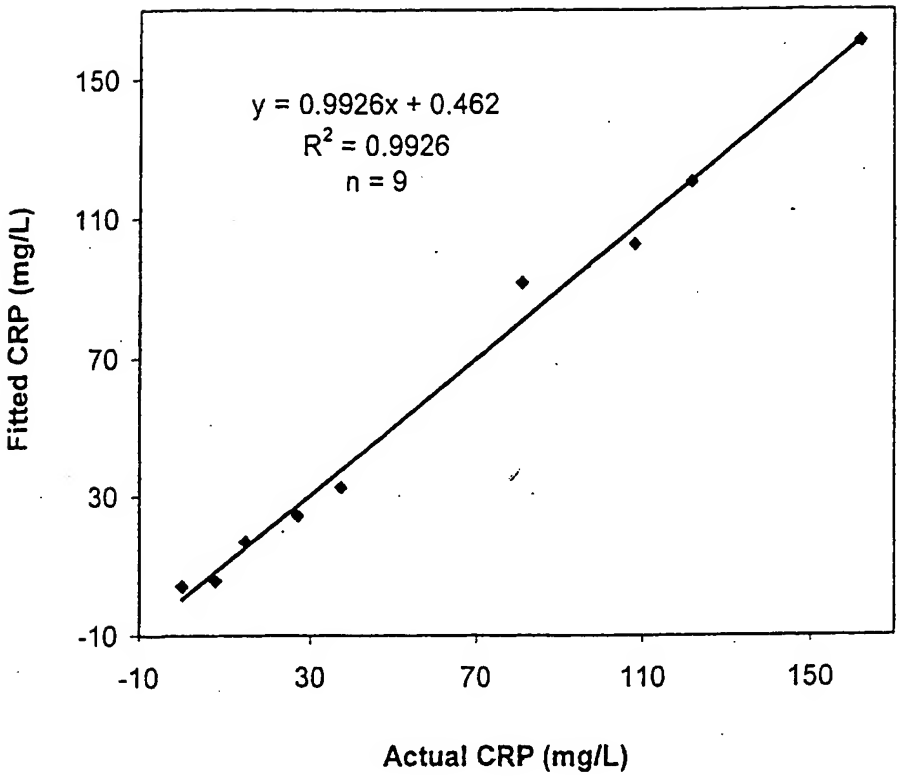
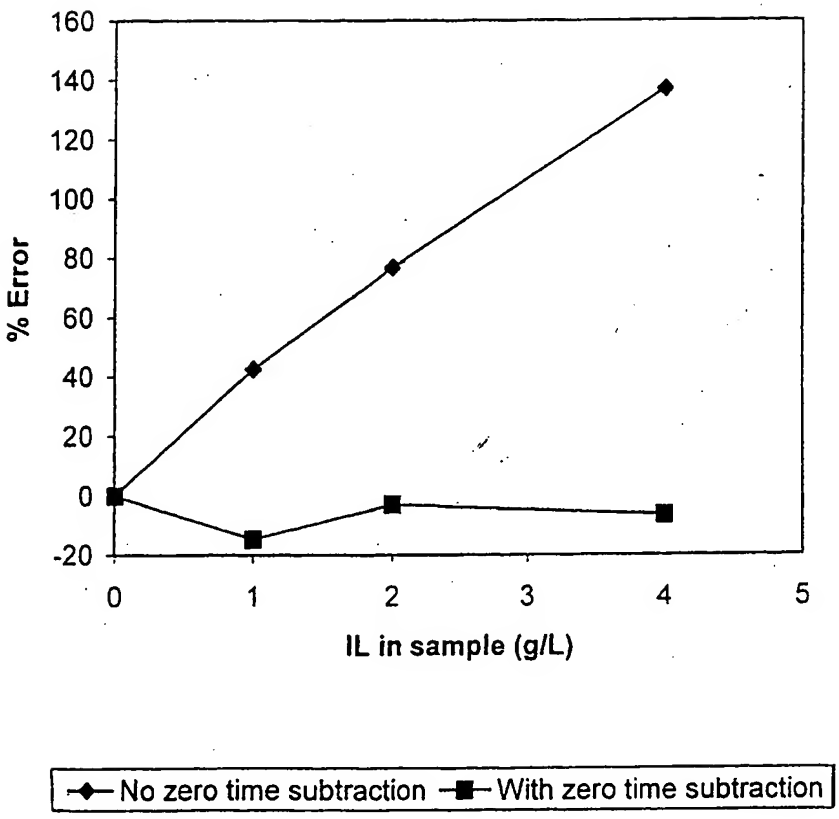

y = 0.9926x + 0.462
R2 = 0.9926
n = 9
150
110
70
30
-10
-10
30
70
110
150
Fitted CRP (mg/L)
Actual CRP (mg/L)

FIGURE 10


160
140
120
100
80
60
40
20
0
-20
% Error
0
1
2
3
4
5
IL in sample (g/L)
No zero time subtraction
With zero time subtraction